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- (71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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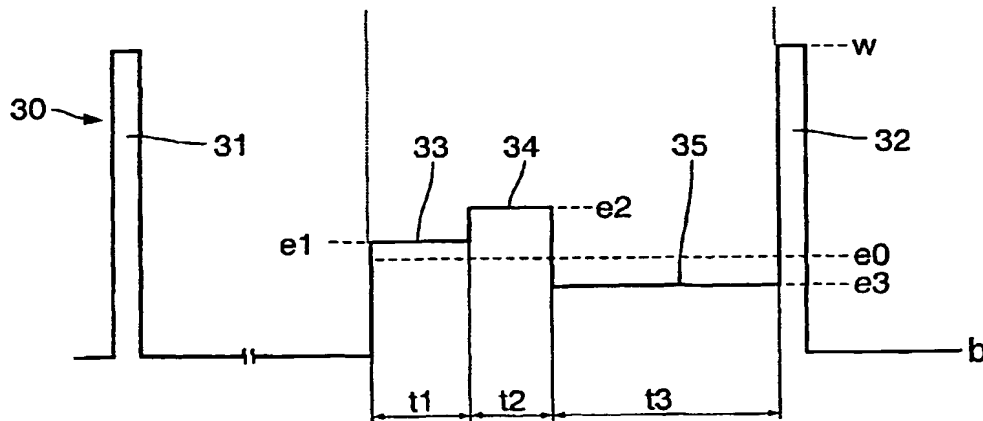
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- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HELLMIG, Joachim, W. [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: DEGUELLE, Wilhelmus, H., G.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: METHOD AND DEVICE FOR RECORDING MARKS REPRESENTING DATA IN AN INFORMATION LAYER OF AN OPTICAL RECORD CARRIER



(57) Abstract: The present invention relates to a method of recording marks representing data in an information layer of a record carrier by irradiating the information layer by means of a pulsed radiation beam, each mark being written by a sequence of pulses, the recorded marks being erasable by irradiating the information layer with an erase radiation beam. In order to achieve a reduction of the temperature of a transparent heat sink of a dual-layer optical recording medium without compromising the direct overwrite of old data, it is proposed according to the present invention that said erase radiation beam has a first erase power level (e1) for a first erase period (t1), a second erase power level (e2) higher than or equal to said first erase power level (e1) for a second erase period (t2), and a third erase power level (e3) lower than said second erase power level (e2) for a third erase period (t3).



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